## INTERNATIONAL SEARCH REPORT

PCT/JP2005/004403

CLASSIFICATION OF SUBJECT MATTER B01D53/94 B01J37/02 B01J23/10 B01J23/63 IPC 7 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 B01J B01D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° EP 0 524 643 A (CORNING INCORPORATED) 1-7 X 27 January 1993 (1993-01-27) page 5, line 1 - line 4 examples 1,2,8,10,11FR 2 836 067 A (RHODIA CHIMIE) 6,7 X 22 August 2003 (2003-08-22) example 2 page 11, line 25 page 12, line 15 EP 1 175 935 A (KABUSHIKI KAISHA TOYOTA X 1,4-6CHUO KENKYUSHO) 30 January 2002 (2002-01-30) paragraphs '0061!, '0063!, '0110!, '0116!, '0131! '0110!, '0116!, examples 17,19 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. X Special categories of cited documents : "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled in the art. other means "P" document published prior to the international filling date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 28/06/2005 14 June 2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Besselmann, S Fax: (+31-70) 340-3016

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